

Patent  
TH-0996 (US)

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*Tammy Alexander*  
Tammy Alexander

Date *Oct. 26, 2006*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )  
MAREK MATUSZ ET AL )  
Serial No. 10/816,080 )  
Filed April 1, 2004 )  
OLEFIN EPOXIDATION PROCESS )  
AND A CATALYST FOR USE IN )  
THE PROCESS )

Group Art Unit: 1625

Examiner: Raymond Covington

October 26, 2006

MAIL STOP Amendment  
COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.56 AND 1.97**

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents, other than the U.S. patent documents, are enclosed. For a foreign language document, an English language translation is provided where it is readily available to Applicant's attorney. If no translation is available, an English language abstract, where available, is provided.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

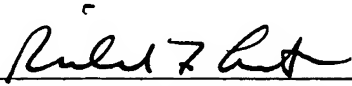
10/31/2006 SFELEKE1 00000045 191800 10816080

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Please charge the \$180.00 fee for the filing of this Supplemental Information Disclosure Statement to Shell Oil Company, Deposit Account No. 19-1800.

Respectfully submitted,

MAREK MATUSZ ET AL.

By 

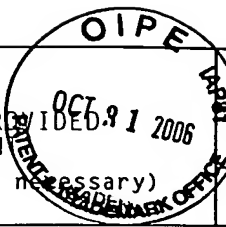
Attorney, Richard F. Lemuth

Registration No. 30,081

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P. O. Box 2463  
Houston, Texas 77252-2463

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
TH-0996 (US)APPLICATION NUMBER  
10/816,080LIST OF INFORMATION PROVIDED  
BY APPLICANTAPPLICANT  
Marek Matusz et al

(Use several sheets if necessary)

FILING DATE  
April 1, 2004GROUP ART UNIT  
1625

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	US4822900	4/89	Hayden	549	534	
	AB	US6372925	4/02	Evans et al	549	536	
	AC	US5262551	11/93	Horrell, Jr. et al	549	534	
	AD	US5102848	4/92	Soo et al	502	218	
	AE	US4831162	5/89	Nakajima et al	549	534	
	AF	US4908343	3/90	Bhasin	502	218	
	AG	US5387751	2/95	Hayden et al	549	534	
	AH	US5504053	4/96	Chou et al	502	348	
	AI	US2279470	4/42	Law et al	260	348	
	AJ	US3962285	6/76	Cusumano	260	348.5 R	
	AK	US4055579	10/77	Cocuzza et al	260	348.34	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	AL	EP003642	7/84	EP	C07D	301/10		
	AM	GB1213483	11/70	GB	C07D	1/14		
	AN	WO199858920	12/98	WO	C07D	301/10		
	AO	WO200196324	12/01	WO	C07D	301/00		

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	Serafin, JG. et al "Surface, Science & the Silver-Catalyzed" Journal of Molecular Catalysis A :Chemical, Vol. 131, 1998, pgs. 157-168, XP002230219, pg. 162.
	AS	"Ethylene Oxide Synthesis." by J. M. Berty, Applied Industrial Catalysis, Vol. 1, 1983, pp. 207-239.
	AT	"Chlorierte Kohlenwasserstoffe also Inhibitoren in der Tethylenoxid-Synthese Teil 2: Verbrauchsreaktionen von chemisorbiertem Chlor." by Thomas Reib and Gerhard Luft, Chem.-Ing.-Tech. 67 (1995), pp. 589-591. (English translation provided)

EXAMINER

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

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REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	US6011163	1/00	Barnicki et al	549	534	
	AB	US4810689	3/89	Hayden	502	347	
	AC	US5011807	4/91	Hayden et al	502	218	
	AD	US5155242	10/92	Shankar et al	549	534	
	AE	US5187140	2/93	Thorsteinson et al	502	348	
	AF	US6717001	4/04	Evans et al	549	536	
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FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Subclass	Translation Yes No
	AL	EP0480538	4/92	EP	B01J	23/89	
	AM	GB1314613	4/73	GB	C07D	1/08	
	AN	EP0357292	3/90	EP	C07D	301/10	
	AO	CA488990	12/52	CA	260	372.7	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
AR	Advanced Inorganic Chemistry A Comprehensive Text, F. Albert Cotton and Geoffrey Wilkenson, F.R.S., Interscience Pu. A Division of John Wiley & Sons, New York, London, Sydney (1966), p. 335.
AS	Brunauer, S., Emmett, P.Y. and Teller, E., J. Am. Chem. Soc., 60, 309-316 (1938).
AT	Reiss, Luft. Chenue Ingenieur Technik (1997), 69(ii), 1638-1641. (English translation provided)

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	AL	EP0266852	5/88	EP	B01J	23/68		
	AM	EP0299569	1/89	EP	C07D	301/10		
	AN	EP0352849	1/90	EP	C07D	301/10		
	AO	EP0425020	5/91	EP	C07D	301/10		

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		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	AL	EP0496470	7/92	EP	301	10		
	AM	BEA707567	5/68	BE (English Translation)	C07C		X	
	AN	EP0057066	8/82	EP	C07D	301/10		
	AO	EP0567273	10/93	EP	C07D	301/10		

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	AL	EP1458699	9/04	EP	C07D	301/10		
	AM	GB1055147	1/67	GB	C07D	1/14		
	AN	JP2002248351	9/02	JP (Abstract)	C07D	301/10		X
	AO	WO199713579	4/97	WO	B01J	23/68		

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	AL	EP1458698	9/04	EP	C07D	301/10		
	AM	W01997/28142	8/97	WO	C07D	301/10		
	AN	W01997/10232	3/97	WO	C07D	301/10		
	AO	AU18818/70	2/27	AU	C07D			

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	AL	EP0393785	1/95	EP	C07D	301/10	
	AM	CA1286687	7/91	CA	C07D	301/10	
	AN						
	AO						

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